

INTERNATIONAL SEARCH REPORT

ational Application No

PC 1/IL2004/000179

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F03B13/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/077447 A (Y T ENTPR LTD ; TAL-OR YANIV (IL)) 3 October 2002 (2002-10-03) cited in the application	1-3
A	the whole document	4
X	US 4 490 621 A (MATSUDA TOSHIHIKO ET AL) 25 December 1984 (1984-12-25) cited in the application column 1, line 25 - line 65; figures column 3, line 65 - column 5, line 16	1,2
X	JP 53 006750 A (KANEDA TAIRA) 21 January 1978 (1978-01-21) cited in the application figures	1,2
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

15 November 2004

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25/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/52331 A (TAL OR YANIV) 8 September 2000 (2000-09-08) cited in the application the whole document -----	1-3
A	US 5 084 630 A (AZIMI HOSSEIN) 28 January 1992 (1992-01-28) cited in the application column 2, line 43 - line 56; figure 8 -----	4
A	US 692 396 A (WILCOX, J.R.) 4 February 1902 (1902-02-04) page 2, line 29 - line 69; figures -----	4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2004/000179

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02077447	A	03-10-2002	WO 02077447 A1	03-10-2002
US 4490621	A	25-12-1984	JP 1492149 C	20-04-1989
			JP 58178879 A	19-10-1983
			JP 63044948 B	07-09-1988
			CA 1200280 A1	04-02-1986
			GB 2121882 A , B	04-01-1984
JP 53006750	A	21-01-1978	NONE	
WO 0052331	A	08-09-2000	WO 0052331 A1	08-09-2000
US 5084630	A	28-01-1992	GB 2230300 A , B	17-10-1990
			NO 901105 A , B,	25-09-1990
US 692396	A		NONE	